

What is claimed is:

1. A data communication system comprising a server having a first storage device in which a database is formed, and a mobile communication device for connecting to said server through a network line, wherein:

said mobile communication device includes:

a second storage device for storing a plurality of data signals each having different data types related to a mobile unit;

update condition holding means for previously holding an update condition for each of the data types; and

transmitting means for transmitting each of the data signals stored in said second storage device at a timing corresponding to an update condition held in said update condition holding means for each of the data types, and

said server includes means for receiving a data signal transmitted from said transmitting means through said network line and for writing the received data signal into said first storage device to update the database.

2. A data communication system according to claim 1, wherein said update condition holding means holds an update cycle for each of the data types as the update condition.

3. A communication system according to claim 2, wherein as contents of a data type change in a shorter time, the update cycle of the data type is shorter.

4. A database updating method for updating a database in a data communication system which includes a server having a

first storage device in which a database is formed, and a mobile communication device for connecting to said server through a network line, said method comprising the steps of:

storing a plurality of data signals each having different data types related to a mobile unit in a second storage device provided in said mobile communication device;

previously holding an update condition for each of the data types;

transmitting each of the data signals stored in said second storage device at a timing corresponding to an update condition for each of the data types; and

receiving a data signal sent to said server through said network line, and writing the received data signal into said first storage device to update the database.

5. A mobile communication device for connecting to a server having a first storage device in which a database is formed, through a network line, comprising:

a second storage device for storing a plurality of data signals each having different data types related to a mobile unit;

update condition holding means for previously holding an update conditions for each of the data types; and

transmitting means for transmitting each of the data signals stored in said second storage device at a timing corresponding to an update condition held in said update condition holding means for each of the data types.